

400 FLEXIBLE PAVEMENT

ITEM 402 - ASPHALT CONCRETE

- 402.01 Description**
- 402.02 Composition**
- 402.03 Spreading and Finishing**
- 402.04 Surface Tolerances**
- 402.05 Basis of Payment**

402.01 Description. This work shall consist of constructing an intermediate course of aggregate and asphalt cement mixed in a central plant and spread and compacted on a prepared surface in accordance with these specifications and in reasonably close conformity with the lines, grades and typical sections shown on the plans or established by the Engineer.

The general plant mix pavement specifications, 401, shall apply; deviations from these are as follows.

402.02 Composition. Coarse aggregate and fine aggregate shall be combined in such proportion that the resulting blend shall be as directed by the Engineer but within the following limits:

Sieve	Total Passing, % by Wt.
1 inch (25 mm)	100
3/4 inch (19 mm)	90 - 100
1/2 inch (13 mm)	65 - 90
No. 4 (4.75 mm)	35 - 65
No. 16 (1.18 mm)	15 - 45
No. 50 (300µm)	3 - 22
No. 200 (75µm)	0 - 8

Bitumen content shall be the percentage at which 3-5 percent voids are obtained.

Bitumen (Percent of total mix) 5.0 to 9.5 ± 0.2 percent

402.03 Spreading and Finishing. Where the mixture is placed for correcting irregularities in the existing pavement, the maximum compacted depth of any 1 layer shall be 3 inches (76 mm).

402.04 Surface Tolerances. The variation of the surface from the testing edge of the 10 foot (3.0 m) straightedge shall not exceed 1/4 inch (6 mm). Variations in excess of slope or surface tolerances shall be corrected by adding or removing material in a manner satisfactory to the Engineer.

402.05 Basis of Payment. Payment for accepted quantities, complete in place, will be made at the contract price for:

Item	Unit	Description
402	Ton (Metric Ton)	Asphalt Concrete

